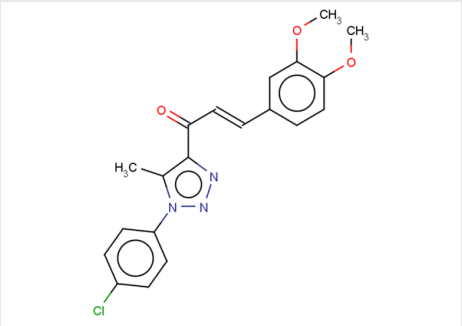
Anticancer agent 56

PRODUCT OVERVIEW

Product Name	Anticancer agent 56, Biochemical
Full Product Name	Anticancer agent 56
Preparation and Storage	Powder: -20 degree C for 3 years | In solvent: -80 degree C for 1 year
Molecular Weight	383.83
SMILES	CC=1N(N=NC1C(/C=C/C2=CC(OC)=C(OC)C=C2)=O)C3=CC=C(Cl)C=C3
Formula	C20H18ClN3O3
Solubility	(< 1 mg/ml refers to the product slightly soluble or insoluble)
CAS Number	2241915-59-1
Related Product Information for Anticancer agent 56 biochemical	Anticancer agent 56 (compound 4d) is a powerful anti-cancer compound with favorable drug-like properties. It shows significant anticancer activity against multiple cancer cell lines, with an IC50 value of less than 3uM. Anticancer agent 56 exerts its effects by causing cell cycle arrest at the G2/M phase and activating the mitochondrial apoptosis pathway. Mechanistically, it induces the accumulation of reactive oxygen species (ROS), upregulates BAX, downregulates Bcl-2, and triggers the activation of caspases 3, 7, and 9.
Other Notes	Small volumes of Anticancer agent 56 biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Anticancer agent 56 purchase	MBS5804374 is a biochemical targeting Anticancer agent 56.



Structure of Anticancer agent 56 biochemical

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/biochemical/anticancer-agent-56/5804374